

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #60—August 18, 2008

Work Completed: Aug 7-Aug 13, 2008

- Completed the removal of the resuspension control system including temporary steel sheeting from Mid-Channel Area B.
- Continued removing soil and sediment from Removal Areas 11A and 12A.
- Continued removing floodplain soil from Removal Area 11A, 12A and 13A.
- Continued soil/sediment solidification activities at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Completed installation of the Phase 2 Cofferdam including a template wall and steel sheeting.
- Completed the installation of restoration seeding and temporary erosion control blanket in the re-excavated portion of Removal Area 6B and the most downstream portion of Removal Area 10B.
- Continued operation of the WCS.

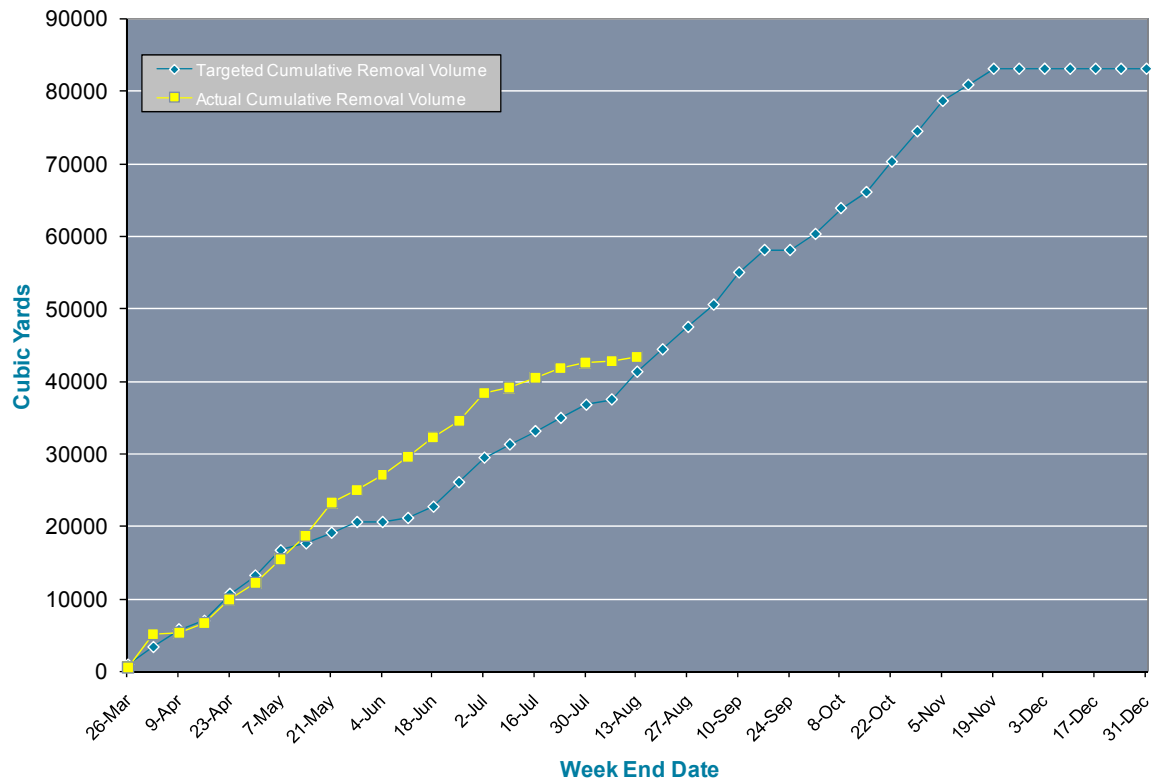
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	595	17	2,590	74
2008 Total	8,365	239	39,935	1,141
Project Total to Date	11,375	325	73,850	2,110

Note: All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: August 14-August 20, 2008

- Complete the removal of the resuspension control system around the gas utility pipelines on the north side of the river.
- Begin installing a resuspension control system in Mid-Channel Area A and Removal Area 13B.
- Continue removing soil and sediment from Removal Areas 11A and 12A.
- Continue removing floodplain soil from Removal Areas 11A, 12A and 13A.
- Continue soil/sediment solidification activities at Staging Area 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continue operation of the WCS.

Removal Progress

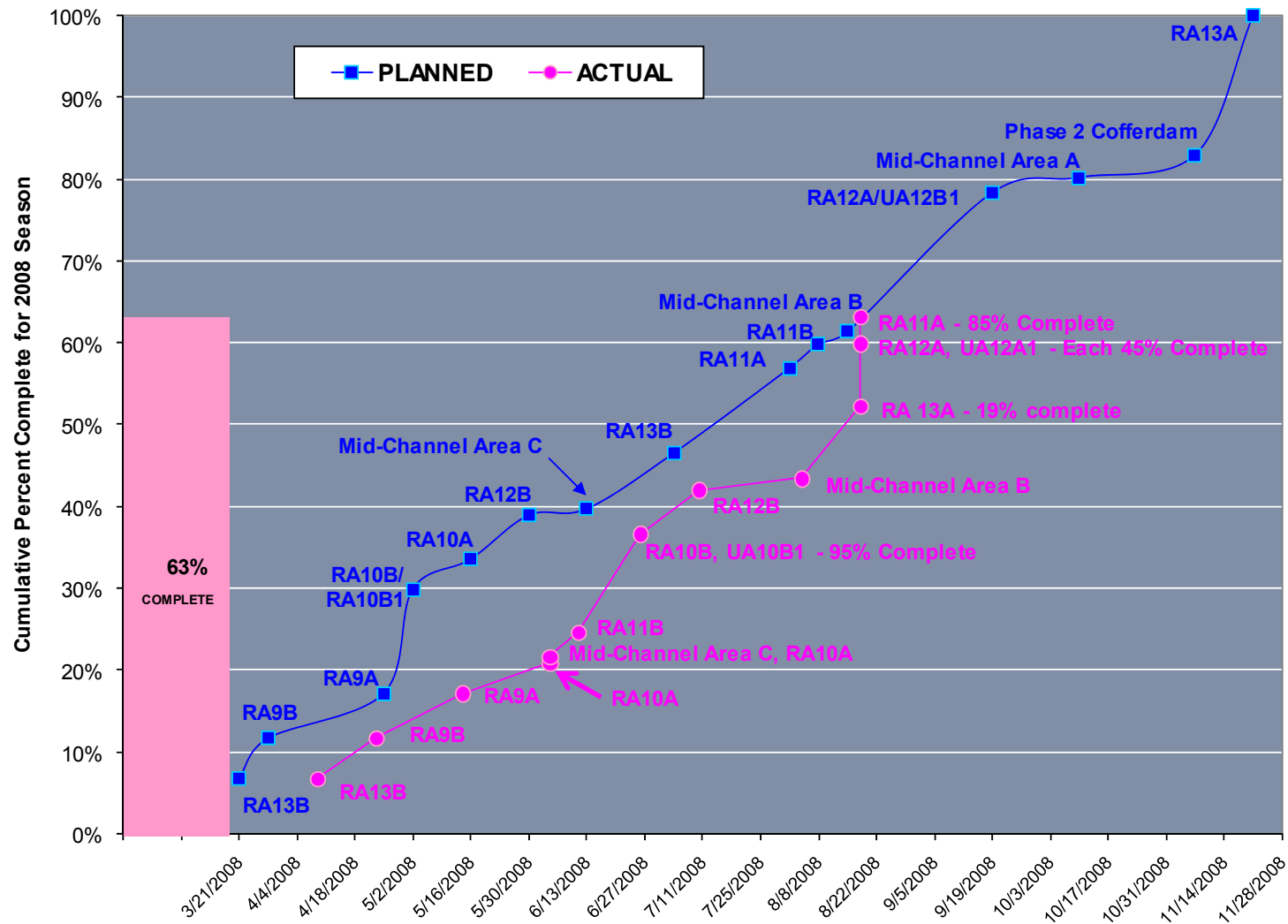


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress

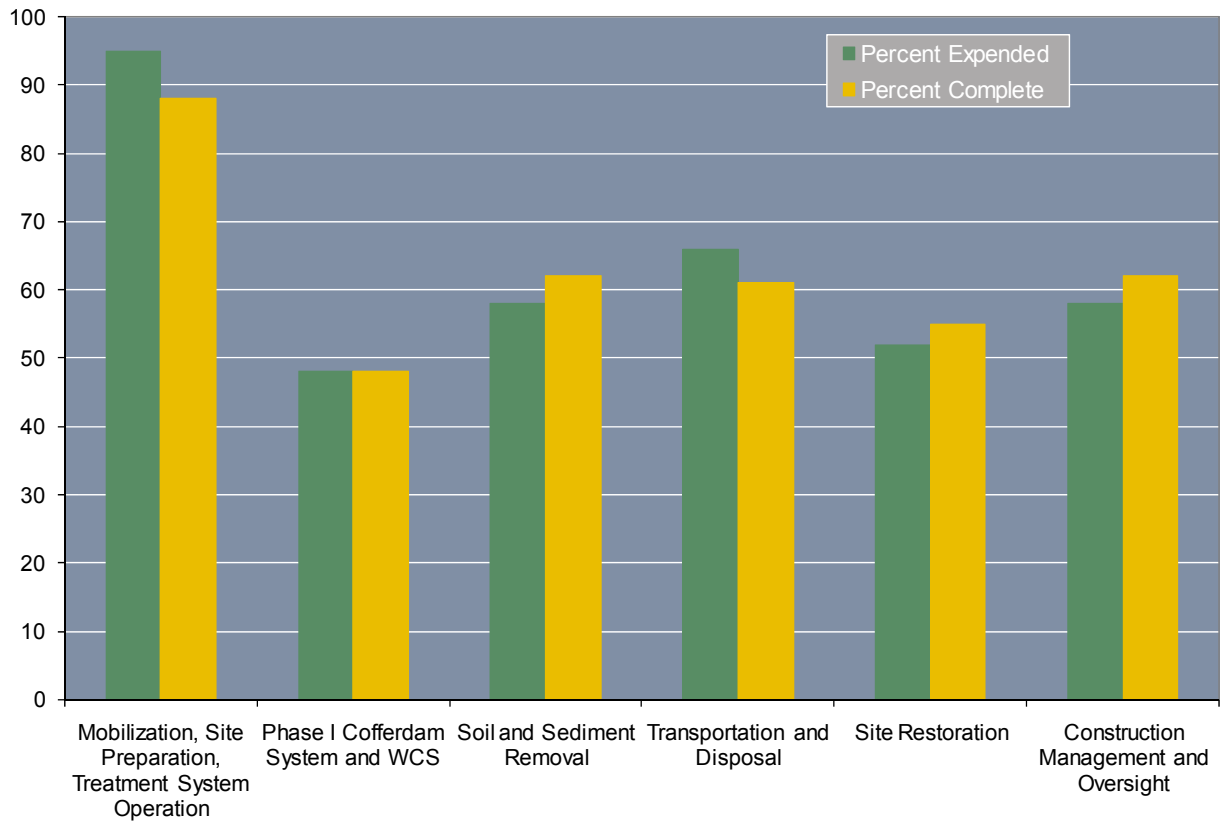


Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Budget Assessment



Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period.
A total of 200 LPOs have been completed for the project to date.

Weather Summary

- Site activities were temporarily suspended for 2 hours on August 7th due to lightning.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 4N) and 0 gallons (Staging Area 5S)

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Removal Areas 12A and 11A.

Cleanup Standard Achieved? N/A ☐ Yes ☐ No ☒ If no, explain:

Cleanup standard has not been achieved in two bank sample grids in Removal Area 11A. Additional soil is to be excavated from these two grids and confirmation samples will be collected.

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	8/7/08	8/8/08	8/9/08	8/10/08	8/11/08	8/12/08	8/13/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	8/7/08	8/8/08	8/9/08	8/10/08	8/11/08	8/12/08	8/13/08
Terra Contracting Staff	20	20	8		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA							
Mike Ribordy/USEPA OSC	X	X				X	X
Tom Crosetto/USEPA OSC							
Paul Bucholtz/MDEQ							X
Polly Synk/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Lisa Williams/USFWS							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X	X		X	X	X
Chase Fortenberry/KRSG						X	
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbaciak/ARCADIS							
Mike Donegan/ARCADIS						X	
Scott Marcus/ARCADIS	X	X	X		X	X	X
Eric Hritsuk/ARCADIS							
Matt Bowman/ARCADIS	X						
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X	X		X	X	X
Joe Willoughby/ARCADIS	X	X	X		X	X	X
Ben Lawrence/ARCADIS	X	X			X	X	
Dave Patterson/ARCADIS							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X					X	X
<i>Other Subcontractors (Specify)</i>							
King Co.	5	5			4	4	2
JF New					4		

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Photos from August 7-August 13, 2008



Removing a row of stop logs from the WCS.



Removing steel sheeting from Mid-Channel B.

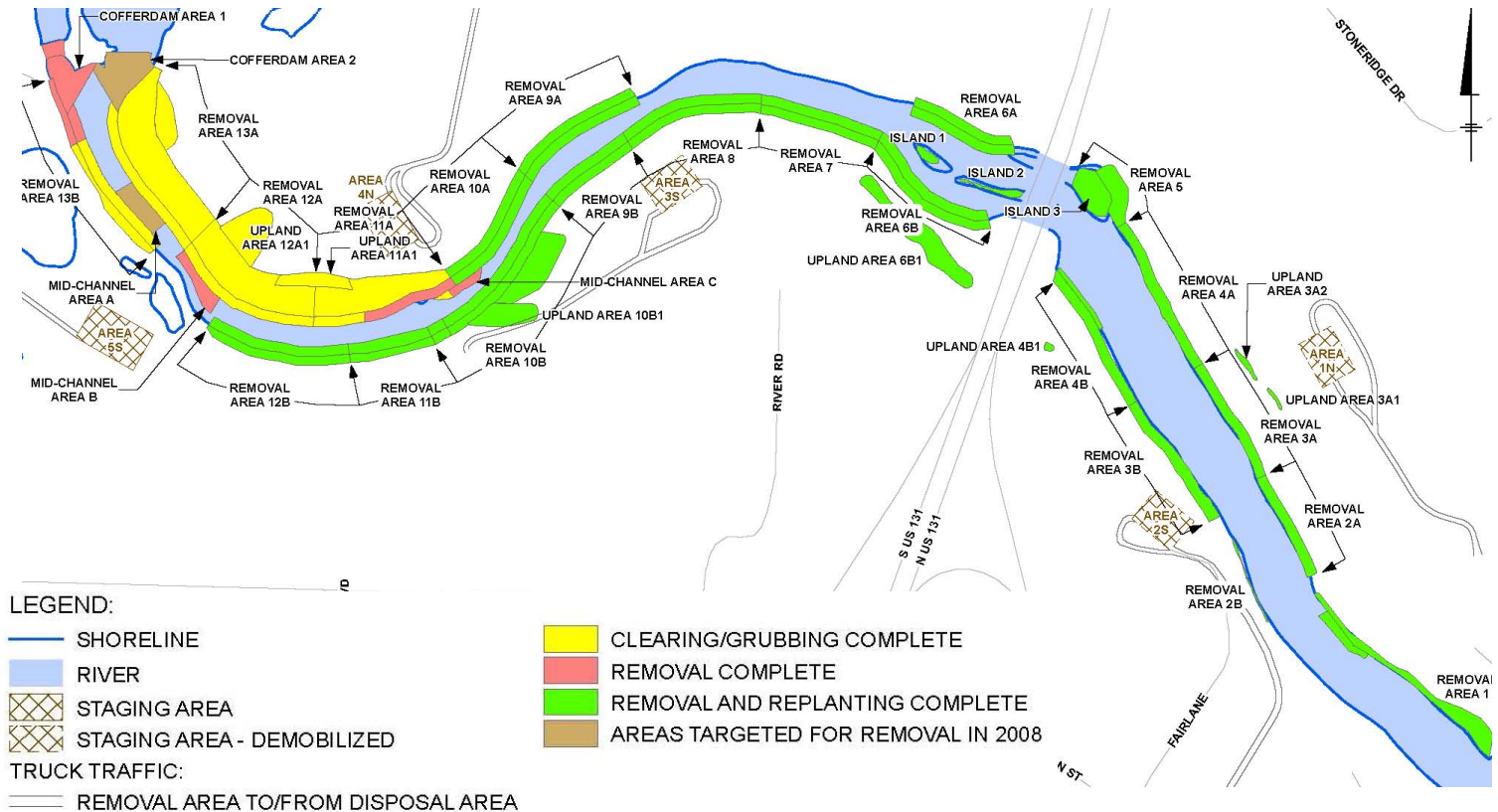


Installing restoration seeding and blanket in the downstream portion of Removal Area 10B.



Observing current conditions at the former Plainwell Dam existing spillway located in the west channel.

Targeted Removal Areas – Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.